

# TDN WDR IR Mini Dome Camera

## H4W4PRV3

Honeywell's rugged H4W4PRV3 mini dome camera is taking quality and reliability to the next level, offering outstanding picture clarity and hassle-free flexible system integration.



### Superior Image Quality

- Full HD 4 MP 20 fps image with a 1/3" 4 megapixel sensor
- Wide Dynamic Range, up to 120 dB, ensures glare-free images
- True Day/Night provides vivid color images by day and clear black-and-white images at night with ICR
- Excellent low-light performance with 3D noise reduction, saving storage and bandwidth

### Flexible Surveillance Solution

- 2.8 mm fixed lens at F2.0
- H.264 and MJPEG codec, triple stream support
- IR LEDs provide up to 98 ft (30 m) of illumination in dimly lit or nighttime scenes (depending on scene reflectance)
- Smart IR technology provides even distribution of IR
- Weatherproof (IP66) and vandal-resistant (IK10) camera housing
- -22°F to 140°F (-30°C to 60°C) working temperature
- Plug-and-play compatible with Honeywell 4/8/16-channel Performance Series Embedded NVRs

### Easy to Install and Use

- Built-in PoE (Power over Ethernet) eliminates need for separate power supply and associated wiring; 12 VDC inputs where PoE power is unavailable
- Remote configuration through web client or from the NVR
- Compatible with HQA-BB2 junction box, HQA-WK wall mount, HQA-PM pole mount, and HB34S2-CM corner mount

### Market Opportunities

These flexible, fully featured cameras are ideal for a wide range of surveillance applications, providing excellent picture quality at minimal bandwidth while offering reliable protection against dust, dirt, and water.

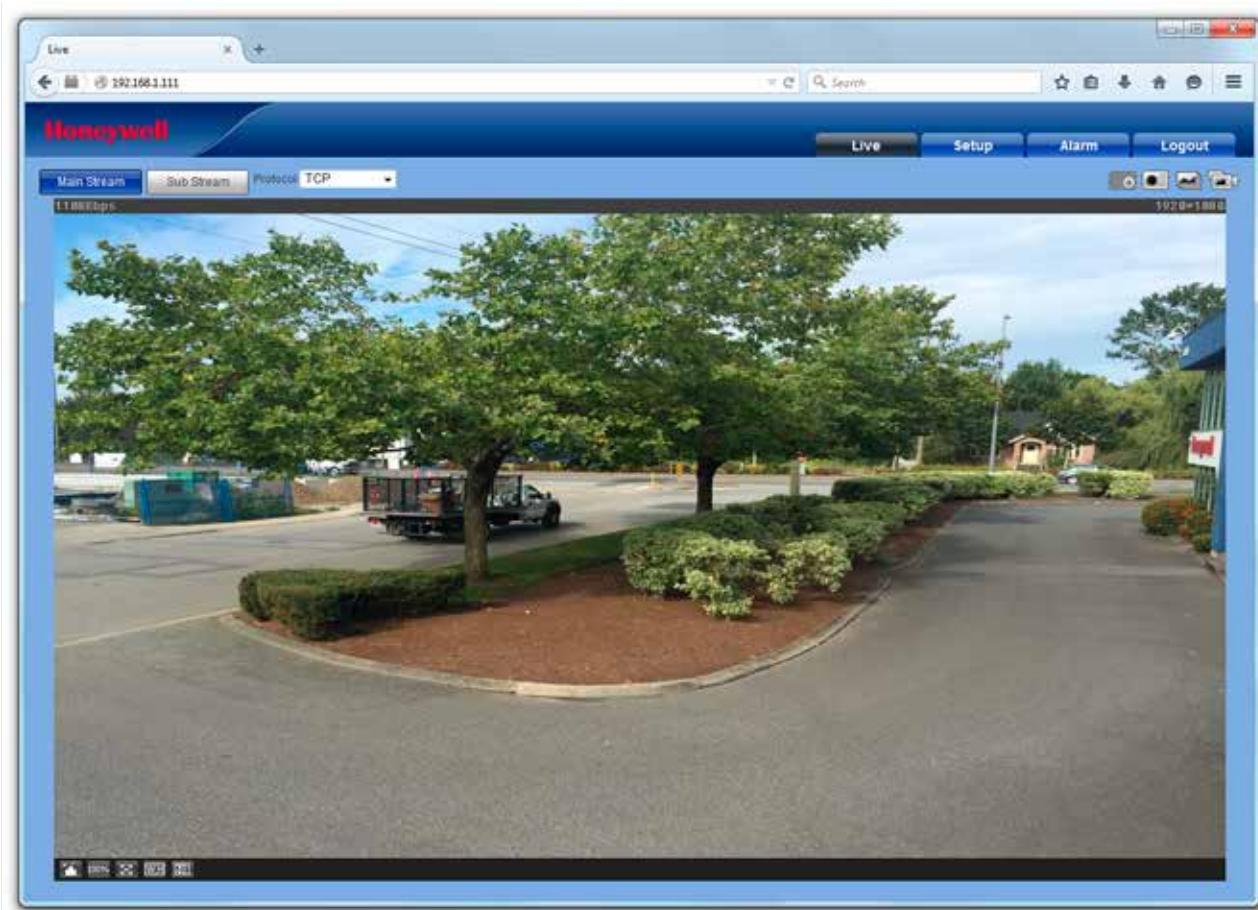
## FEATURES AND BENEFITS

|                                     |   |                                   |  |
|-------------------------------------|---|-----------------------------------|--|
| • 1/3" 4 MP progressive scan imager | • Low-light performance down to 0.01 lux (color) or 0 lux with IR LEDs on | • Triple stream support           | • Plug-and-play compatible with Honeywell Performance Series Embedded NVRs |
| • 2.8 mm fixed lens                 | • Up to 100 ft (30 m) IR illumination, depending on scene reflectance     | • Up to 4 MP resolution at 20 fps | • IP66 and IK10-rated rugged housing                                       |
| • True day/night (IR-cut filter)    | • H.264 Main Profile compression  | • Supports up to 20 connections   |  |
| • Wide dynamic range up to 120 dB   |   | • Corridor mode                   |  |
|                                     |   | • PoE, 12 VDC support             |  |

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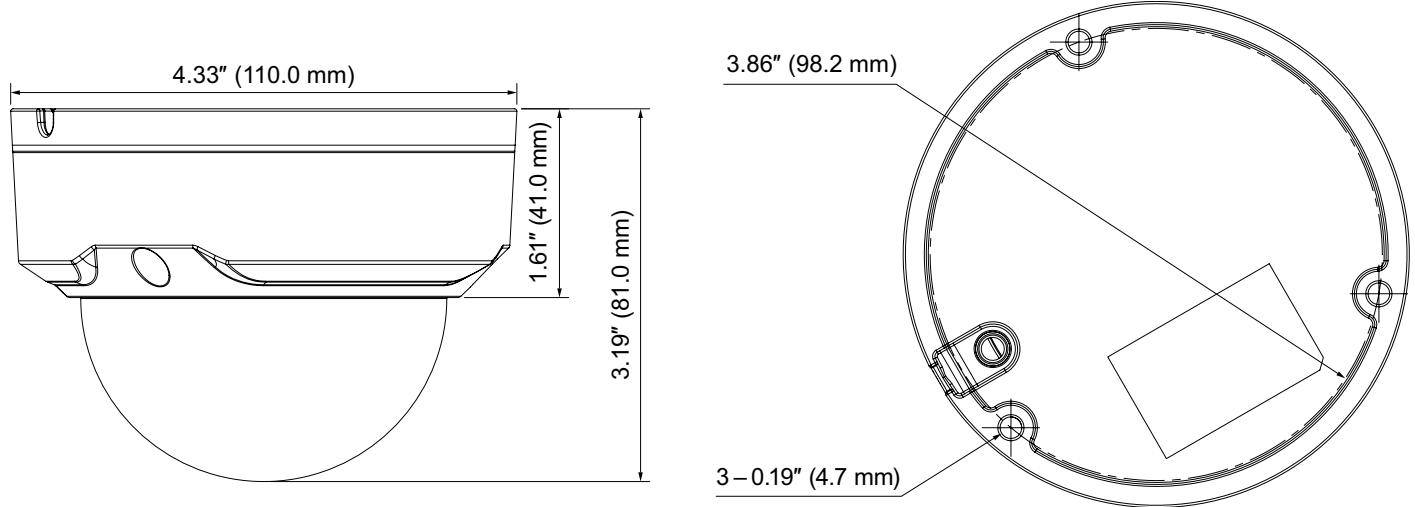
## Security Features

The camera can be configured to automatically detect and respond to events such as motion in the scene and/or camera tampering. Automated responses include sending a notification through email, FTP, and/or HTTP, and sending a still image of the event through email and/or FTP. Setup can be done using the web client or from an NVR.



## DIMENSIONS

### H4W4PRV3



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## SPECIFICATIONS

| OPERATIONAL              |   | NETWORK            |  |
|--------------------------|---|--------------------|--|
| VIDEO STANDARD           | NTSC/PAL  | ETHERNET           | RJ-45 (10/100Base-T)   |
| SCANNING SYSTEM          | Progressive scan  | PROTOCOLS*         | IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1X |
| IMAGE SENSOR             | 1/3" 4 MP CMOS  | COMPATIBILITY      | ONVIF Profile S*   |
| NUMBER OF PIXELS (H×V)   | 2688×1520   | MAX. USER ACCESS   | 20 users   |
| MINIMUM ILLUMINATION     | 0.01 lux, F2.0 (color)<br>0 lux (with IR LEDs on)   | MOBILE DEVICES     | iPhone, iPad, Android  |
| S/N RATIO                | 50 dB or more   | ELECTRICAL         |  |
| ELECTRONIC SHUTTER SPEED | Auto, Manual, 1/3~1/100 000 s   | POWER SUPPLY       | PoE (802.3af), 12 VDC  |
| IR DISTANCE              | Up to 98 ft (30 m), depending on scene reflectance  | POWER CONSUMPTION  | 4.0 W max.   |
| DAY/NIGHT                | Auto(ICR)/Color/BW  | MECHANICAL         |  |
| BACKLIGHT COMPENSATION   | BLC/HLC/WDR (120 dB)  | DIMENSIONS         | 4.33 × 3.19 in.<br>(110.0 × 81.0 mm)   |
| WHITE BALANCE            | Auto/Sunny/Night/Outdoor/<br>Customized   | PRODUCT WEIGHT     | 0.73 lb (0.33 kg)  |
| GAIN CONTROL             | Auto/Manual   | PACKAGE WEIGHT     | 1.04 lb (0.47 kg)  |
| NOISE REDUCTION          | 3DNR  | CONSTRUCTION       | Die-cast aluminum housing with powder coat   |
| PRIVACY MASKING          | Up to 4 areas   | CONSTRUCTION COLOR | RAL 9003 (White)   |
| LENS                     | 2.8 mm, F2.0  | ENVIRONMENTAL      |  |
| HORIZONTAL ANGLE OF VIEW | 106°  | TEMPERATURE        | -22°F to 140°F (-30°C to 60°C)   |
| CORRIDOR MODE            | Yes   | RELATIVE HUMIDITY  | 0~95%, non-condensing  |
| VIDEO                    |   | INGRESS PROTECTION | IP66   |
| VIDEO COMPRESSION        | H.264/H.264H/H.264B/MJPEG   | VANDAL RESISTANCE  | IK10   |
| RESOLUTION               | 4 MP (2688×1520/2560×1440)/<br>3 MP (2304×1296)/1080p<br>(1920×1080)/720p (1280×<br>720)/D1 (704×576/704×480)/<br>CIF (352×288/352×240) | REGULATORY         |  |
| FRAME RATE               | MAIN STREAM   | EMISSIONS          | FCC Part 15, CE (EN 55032)   |
|                          | SUB STREAM  | IMMUNITY           | CE (EN 50130-4)  |
|                          | TRIPLE STREAM   | SAFETY             | North America UL Listed to UL/CSA<br>60950-1, CE (EN 60950-1)<br>North America UL Listed to UL/CSA<br>60950-22, CE (EN 60950-22)                     |
| BIT RATE (H.264)         |   |                    |  |

\* Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

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## SPECIFICATIONS

### SYSTEM INTEGRATION

### OPEN IP INTEGRATION

ONVIF support and open API software integration. Refer to [www.onvif.org](http://www.onvif.org) for the ONVIF specification and the Honeywell Open Technology Alliance website (<http://www.security.honeywell.com/hota/>) to learn more about our open and integrated solutions.



## ORDERING

### ACCESSORIES

### MOUNTS

|           |                                 |
|-----------|---------------------------------|
| HQA-BB2   | Junction box                    |
| HQA-WK    | Wall mount                      |
| HQA-PM    | Pole mount (requires HQA-BB2)   |
| HQA-PM2   | Pole mount (requires HQA-BB2)   |
| HB34S2-CM | Corner mount (requires HQA-BB2) |

### CAMERAS

|          |  |
|----------|--|
| H4W4PRV3 | Network TDN WDR IR Mini Dome Camera, 1/3" CMOS, 4 MP, 2.8 mm Fixed, 24 IR LEDs, PoE, H.264 |
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### For more information

[www.honeywell.com/security](http://www.honeywell.com/security)

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L/TDNWDRIRMD/D | 04/17  
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